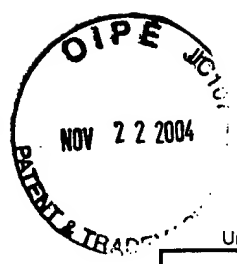


November 22, 2004
1216965.1.089498.0372



PTO/SB/96 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Applicants: Sasowski, et al.

Application No./Patent No.: 09/776,298 Filed/Issue Date: Filed: 02/02/2001

Entitled: Method for Removing Metals from Aqueous Solutions Using Mixed Lithic Materials

The University of Akron, a State University
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

- 1. ☒ the assignee of the entire right, title, and interest; or
- 2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011859, Frame 0234, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

- 1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- 2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- 3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Gerald M. Parker
Signature

11/22/04
Date

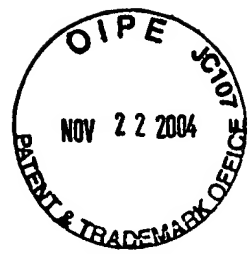
Gerald M. Parker
Printed or Typed Name

(330) 972-6764
Telephone Number

Director of Research Services & Sponsored Programs
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



THE UNIVERSITY OF AKRON



LUIS M. PROENZA
PRESIDENT

June 28, 2001

Mr. Gerald M. Parker, Director
Research Services and Sponsored Programs
The University of Akron
Akron, OH 44325-2102

Re: **Contract Signature Authority**

I am pleased, Mr. Parker . . .

. . . to continue the delegation of your authority to execute certain general research contracts.

By this letter, I continue the authorization and delegation of your contract signature authority as listed in my June 30, 2000, letter to you. This authority to execute these agreements shall continue during your appointment as Director of Research Services and Sponsored Programs unless terminated earlier by me or Vice President George R. Newkome.

Should you have any questions concerning this authority or the use of model forms, I ask that you contact the Associate Vice President and Deputy General Counsel.

With every good wish,

Sincerely,

c: Ted A. Mallo
George R. Newkome



LUIS M. PROENZA
PRESIDENT

THE UNIVERSITY OF AKRON



June 30, 2000

Mr. Gerald Parker, Director
Research Services and Sponsored Programs
The University of Akron
Akron, OH 44325-2102

Re: Contract Signature Authority 2000-2001

I am pleased, Mr. Parker . . .

. . . to delegate authority to execute certain general research contracts. I am informed that these research agreements and model research forms are reviewed and drafted in connection with the Office of General Counsel on a frequent basis.

By this letter, I authorize and delegate authority to you to execute the following research and externally sponsored program agreements on behalf of the University:

- a) Routine agency grants and contract proposals that do not exceed guidelines and policies. For example, your authority would allow for signing cost sharing grants within amounts budgeted by departments and colleges; however, you would not commit centrally budgeted University resources without prior approval of the Senior Vice President and Provost. No commitment of University central funds should be made without first obtaining approval from the Senior Vice President and Provost.
- b) Acceptance of grants and contracts, both classic and those which have been properly approved in proposal form by you, the Senior Vice President and Provost, myself or the Board of Trustees and have been negotiated by the Office of Research Services and Sponsored Programs in consultation with legal counsel (as appropriate).
- c) Assurances of compliance with Federal regulations in such matters as radiation safety and human subjects, non-debarment assurances, conflict of interest, laboratory animal care and use guidelines, and tax exempt status, and other required institutional certifications and representations required by governmental agencies or sponsors for externally-funded programs. I expect that you will execute these assurances only after you have diligently assured that we are in compliance with the stipulated requirements.



Mr. Gerald Parker

Re: Contract Signature Authority 2000-2001

June 30, 2000

Page 2

- d) Actions in support of previously approved patent prosecutions, e.g., secrecy/confidentiality agreements which allow discussions with potential licensors, assignments of power of attorney, authorizations for filings and payment of base issues, maintenance, and other fees and applications, and previously approved technology transfer agreements and/or payments.
- e) Pre- and post-award negotiations with grant and contract agencies (primarily budget modifications, terms and conditions), unless restricted by those matters necessitating waiver of patent rights to non-governmental agencies or entailing proposals and agreements of any type which require an exception to established policy.

Please forward the following matters to the Senior Vice President and Provost for necessary approval:

- a) Those matters necessitating waiver of patent rights to non-governmental agencies, which require explicit Interim Senior Vice President and Provost, President, or Board of Trustee action and approval.
- b) Agreements which require a continuing University commitment, i.e., a commitment to new personnel which persists past the lifetime of the external support, or additional space beyond that available within the University/Department, or significant changes in curriculum.
- c) Other agreements and contracts that you deem appropriate or necessary.

The authority to delegate signature authority for these contracts is set forth in the Regulations of the Board of Trustees (University of Akron Rule 3359-7-01). By delegating this authority to you, I expect you will act with due diligence in the preparation, review, and execution of these agreements by always acting in the best interest of the University. You are not authorized to execute any other agreement on behalf of the University of Akron.

Each time you sign a contract for the University, it is important that you note your responsibility for reading the contract entirely and determining that:

- The contract accurately reflects the current state of negotiations between the parties;
- The contract meets program and University mission requirements;
- The contract is in the best interest of the University;
- You can insure compliance with the obligations placed on the University;
- Risk management concerns have been reasonably addressed; and
- The contract is sufficiently clear and consistent.



Mr. Gerald Parker

Re: Contract Signature Authority 2000-2001

June 30, 2000

Page 3

This authority to execute these agreements is valid through June 30, 2001, unless sooner terminated. Should you desire renewal of this authority, you should submit a written request through the Office of General Counsel in May of 2001 seeking extension of authority for the following fiscal year. At that time, you will be expected to attach a report of the contract activity to the Office of General Counsel for inclusion to the Office of the President for review as necessary.

Should you have any questions concerning this authority or the use of the model forms, I ask that you contact the Associate Vice President and Deputy General Counsel.

With every good wish,

Sincerely,

A handwritten signature in black ink, appearing to be "G. Parker", written over the word "Sincerely,".

Attachments

cc: Dr. Terry L. Hickey
Mr. Ted A. Mallo
Mr. Michael D. Sermersheim
Ms. M. Celeste Cook



AUG 20 2001

**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

AUGUST 16, 2001

PTAS

RENNER, KENNER, GREIVE, BOBAK, ET AL
RAY L. WEBER
FIRST NATIONAL TOWER, FOURTH FLOOR
AKRON, OHIO 44308-1456



101742771A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/04/2001

REEL/FRAME: 011859/0234
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SASOWSKY, IRA D.

DOC DATE: 05/30/2001

ASSIGNOR:
MILLER, CHRISTOPHER M.

DOC DATE: 05/30/2001

ASSIGNOR:
FOOS, ANNABELLE M.

DOC DATE: 05/30/2001

ASSIGNEE:
AKRON, UNIVERSITY OF, THE
302 E. BUCHTEL COMMON
AKRON, OHIO 44325

SERIAL NUMBER: 09776298
PATENT NUMBER:

FILING DATE: 02/02/2001
ISSUE DATE:

011859/0234 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

06-08-2001



101742771

HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

IRA D. SASOWSKY,
CHRISTOPHER M. MILLER and
ANNABELLE M. FOOS

Additional name(s) of conveying party(ies) attached? ☐ Yes
☒ No

2. Name and address of receiving party(ies):

Name: The University of Akron

Internal Address: 302 E. Buchtel Common

Street Address: 302 E. Buchtel Common

City: Akron State: OH ZIP: 44325

A corporation of the State of: yes (if applicable)

Additional name(s) & address(es) attached? ☐ Yes
☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: May 30, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 09/776,298

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Ray L. Weber
Renner, Kenner, Greive, Bobak, Taylor & Weber

Internal Address:

Street Address: First National Tower, Fourth Floor

City: Akron State: OH ZIP: 44308-1456

6. Total Number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed

☒ Authorized to be charged to deposit account (any fee deficiency)

8. Deposit Account Number:

18-0987

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Mark L. Weber, Reg. No. 46,069

Name of Person Signing

Signature

1 June 2001

Date

Total number of pages including cover sheet: 2

OMB NO. 0651-0011(exp.4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

Assignment

In Consideration of the sum of Ten Dollars (\$10.00), and of other good and valuable consideration paid to the undersigned by the Assignee, The University of Akron, 302 E. Buchtel Common, Akron, Ohio 44325, an institution organized under the laws of the State of Ohio receipt whereof is hereby acknowledged, the undersigned by these presents hereby sold, assigned, transferred and set over unto the said assignee the entire right, title and interest in and to the invention or improvement in

A METHOD FOR REMOVING METALS FROM AQUEOUS SOLUTIONS USING MIXED LITHIC MATERIALS

said invention being fully described and/or claimed in the application for Letters Patent of the United States of America, executed this date, in and for the United States and all foreign countries, the same to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And Said Assignee is Hereby Authorized to make application for and to receive Letters Patent for said invention in any of said countries of its election.

And By This Covenant The Undersigned will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said Assignee, its successors, assigns or other legal representatives, and upon the request and at the expense of said assignee, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of said Letters Patents to be granted therefor, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein without further compensation, but at the expense of said assignee, its successors, assigns or other legal representatives.

And The Commissioner of Patents is Hereby Authorized and Requested to issue any and all Letters Patent of the United States for said invention, to said assignee.

Signed and sealed this 30th day of May, 2001.

Witness:

Elaine Sinkovitch

Sharon

Elaine Sinkovitch

Ira D. Sasowsky L.S.
IRA D. SASOWSKY

Christopher M. Miller L.S.
CHRISTOPHER M. MILLER

Annabelle M. Foos L.S.
ANNABELLE M. FOOS



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of)

Group Art Unit 1724

Ira D. Sasowsky, et al.)

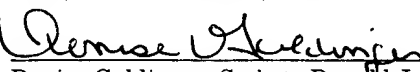
Serial No 09/776,298)

CERTIFICATE OF MAILING

Filed February 2, 2001)

I hereby certify that this correspondence was deposited with the United States Postal Service as First Class Mail addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on November 22, 2004.

For METHOD FOR REMOVING METALS
FROM AQUEOUS SOLUTIONS USING
MIXED LITHIC MATERIALS)


Denise Goldinger, Sec'y to Donald J. Firca, Jr.,
Express Mail Label No. ER963340169US

TRANSMITTAL SHEET

Enclosed are the following documents:

Response to Office of Petitions Letter

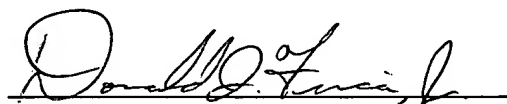
Statement Under 37 CFR 3.73(b)

Letter of Contract Signature Authority

Notice of Recordation Assignment Document

Return Receipt Postcard

Respectfully submitted


Donald J. Firca, Jr., Reg. No. 48,140
Attorney for Applicant

November 22, 2004
1217028.1.089498.0372